AGENDA

3rd Bioinformatics Resource Centers & Inter-Operability Working Group Meeting February 6-7, 2006

Sheraton University City Hotel
36th and Chestnut Streets, Philadelphia, Pennsylvania 19104
Phone (215) 387-8000

Monday February 6, 2006	**BRC3 Meeting**
8:00 – 8:30	**Breakfast and Registration**
8:30 – 8:50	NIAID – Valentina Di Francesco: "BRCs Program Update"
8:50 – 9:10	VBRC – Chris Upton: "Applications for the annotation and analysis of viral genomes"
9:10 – 9:30	BioHealthBase
9:30 – 9:50	PATRIC – Joao Setubal: "PATRIC: February 2006 Update"
9:50 – 10:10	ApiDB
10:10 – 10:30	**Break**
10:30 – 10:50	Vectorbase – Dan Lawson and Frank Collins: " Annotation of vector genomes, the *Aedes aegypti* model"
10:50 – 11:10	ERIC – John Greene and Guy Plunkett: "ERIC - The Enteropathogen Resource Integration Center, A Work In Progress"
11:10 – 11:30	NMPDR
11:30 – 11:50	Pathema – Owen White: "Comparative analysis, SNP tools and an Epidemiology Database"
11:50 – 1:00	**Lunch**
1:00 - 1:15	Tom Brettin (LANL): The Joint Genome Institute / Los Alamos National Labs sequencing projects
1:15 – 1:30	Alison Deckhut (NIAID): The NIAID Immune Epitope Discovery Program
1:30 – 2:00	Alessandro Sette (La Jolla Institute) – The Immune Epitope Database (IEDB)
2:00 – 2:30	Bjorn Peters (La Jolla Institute) – IEDB Tools
2:30 – 2:45	Discussion on potential BRCs and IEDB collaboration
2:45 – 3:00	**Break**
3:00 – 3:30	Ross Overbeek (NMPDR): The subsystems approach to genome annotation
3:30 – 4:30	Suzanna Lewis (LBNL): The Gene Ontology and the National Center for Biomedical Ontology
4:30 – 5:00	Discussion on potential trans-BRCs functional annotation systems
5:00 – 6:00	Chris Stoeckert (ApiDb): The GUS functional genomics database system
7pm – 9:30pm	**BRCs dinner at Zocalo, Contemporary Mexican Cousine,** 36th & Lancaster Avenue, Philadelphia, PA 19104

<u>Tuesday February 7, 2006</u>	**BRC3 meeting continues**
8:15 – 9:00	**Breakfast**

9:00 – 10:30	BRCs Outreach activities – Discussion led by John Greene (ERIC)
	    9:00 AM – Introduction: Need for Outreach & Training, and Some Observed Issues (ERIC, John Greene)
	    9:10 AM – BRC Outreach and Training Efforts - Successes & Failures:
	    9:10 AM – ApiDB (Jessie Kissinger)
	    9:20 AM – VectorBase (Frank Collins)
	    9:30 AM – NMPDR (likely Terry Disz)
	    9:40 AM – ERIC (Fred Blattner and Nicole Perna)
	    9:45 AM – Slides invited from PATRIC, BioHealthBase, & VBRC
	    9:50 AM – Open, Facilitated Discussion and Brainstorming
	    10:20 AM – Summary and Action Items

10:30 – 10:45	**Break**
10:45 – 11:15	Rick Stevens: Target Discovery pipeline at NMPDR
11:15 – 11:45	David Roos: Target Discovery projects at ApiDB
11:45 – 12:45	**Lunch**
	IOWG Meeting

12:45 – 2:30	Discussion led by Owen White (PATHEMA).
	    1) Overview
	    2) Software repository
	    3) Summary of the data types entering into BRC-central
	    4) Discussion/refinement of GFF3 spec
	    5) Plan for date-stamping data in BRC-central
	      In response to: "Perhaps a GFF3 follow-up would be good. This might include an overview of the search facilitates on BRC-Central; BRC experiences with validating files; possible refinement to the GFF3 spec (such as time stamps, indications of annotation progress, and use of evidence codes); and expectations for keeping these files current." from Elliot
	    6) Brainstorming on new features to add

2:30 – 3:00	Rick Stevens (NMPDR): TeraGrid Life Science Gateway support for BRCs www.teragrid.org
3:00 – 3:15	Ross Overbeek (NMPDR): Tools and approaches for rapid annotation of closely related genomes

3:15-4:00	Owen White (PATHEMA)
	    1) What are SOPs, why do they matter, what do they look like?
	    2) What is the relationship between SOPs and
	      -software?
	      -GO assignments?
	      -evidence codes?
	    3) How might SOPs apply to issues such as: protein family assignments, functional assignments, annotation errors, prophage annotations, etc.
	    4) Given some degree of buy-in from the centers to engage in SOP development, what might be target SOPs that could be adopted across the all the BRCs?

4pm	**Meeting Adjourned**